

XK EUROPEAN GT

REDEFINED. RE-ENGINEERED. REIMAGINED.



THORNLEY KELHAM

THE DESIGN. THE DETAILS.
THE DRIVE.



HOW DO WE
RECAPTURE
THE

THE BEGINNING

GLAMOUR?

THE BEGINNING



TO A 9-YEAR OLD IT LOOKED LIKE A SPACESHIP

Back in 1965, growing up in the North of England, my uncle turned up at my gran's house one cold December night to take me for a ride in his new car. A pale blue metallic Jaguar E Type coupe. And on those grey streets, parked among Rovers, Fords and Vauxhalls, to a 9-year old it looked like a spaceship – a mythical supercar I'd only stared at in magazines, and never expected to actually see – let alone ride in. It was a 'life moment' for me, and one that's undoubtedly informed the European Collection of cars we've spent the past four years perfecting. How do we recapture that glamour, that wide-eyed excitement and overwhelming sense of experiencing something familiar, but entirely different?

One thing I knew was that the current line up of legislation-restricted hypercars wouldn't do it. Astonishingly capable and technically brilliant, yes, but lacking in purity, thrill and emotional connection. Instead, we imagined a range of '50s and '60s automotive icons. Taking original examples of each model, we work with professional designers and then restore and modify each example, harnessing modern technology and the highest engineering methods. We apply the same concours -winning standards that we have applied to every classic car restoration over the past 16 years.

In a 'European' model, character and nostalgia meet today's engineering and technology, combined with world-class craftsmanship and attention to detail. A joyous celebration of one of the greatest eras of automotive innovation and design, crafted for the 21st Century enthusiast owner.

Simon Thornley
Co-founder

THE
RELENTLESS

THE EUROPEAN COLLECTION



PURSUIT
OF
PERFECTION

THE EUROPEAN COLLECTION

EUROPEAN GT

A celebration of a golden era in European car design – the mid-twentieth century; a period that delivered some of the most beautiful cars of all time, including the Jaguar XK120, Aston Martin DB4, Lamborghini Miura, Lancia Aurelia B20GT, Ferrari 250 GT, Porsche 356 and Mercedes 300 SL ‘Gullwing’.

Our European models take everything that made these cars so special and redefines them for the conditions – and expectations – of today. More practical, more spacious, faster, sharper, and more reliable, but just as beautiful and engaging as the cars that inspired their creation.



EACH CAR
TAKES AROUND
6,000 HAND
CRAFTED HOURS
TO PERFECT



PORSCHE 911 EUROPEAN RS



LANCIA AURELIA B20GT OUTLAW NUMBER 4



PORSCHE 356 EUROPEAN SL

Our mantra for everything we do is

**THE DESIGN. THE DETAILS.
THE DRIVE.**

Reinterpreted and reimagined by our team of designers and engineers using cutting-edge technology, and meticulously restored by hand using the very same craftsmen and techniques that have won Thornley Kelham major concours awards throughout the world. Every one of these cars takes nearly 6,000 hours to refine in our relentless pursuit of perfection.



TIMELESSNESS

REDEFINED FOR THE 21ST CENTURY



The XK120 was Jaguar's first sports car, a seminal model of timeless beauty that began the greatest era in the marque's history. The Jaguar XK European GT is our reinterpretation of this iconic machine, meticulously handcrafted in strictly limited numbers to a standard befitting the world's most prestigious concours events.

The breathtaking design and luxurious interior are perfectly matched to an updated Jaguar engine and chassis in our singular pursuit of excellence, perfected.

MOTORSPORT LEGEND



THE JAGUAR MODEL HERITAGE

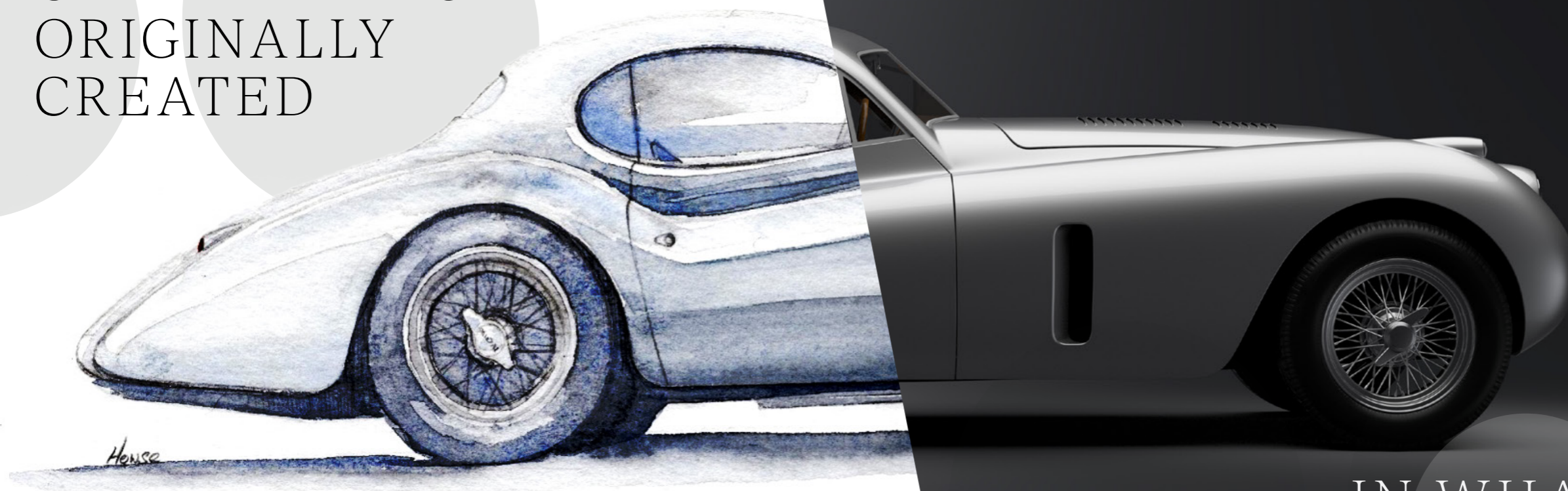
Unquestionably beautiful, the Jaguar XK120 was not only the fastest car in the world, but also the most desirable. Almost in an instant the XK120 took over Hollywood boulevards, driven by legends like Clark Gable, Humphrey Bogart, Gary Cooper, and Tyrone Power. It will forever be synonymous with the glamour of 1950s Tinseltown.

It was a winner on the track too, taking first and second place at its racing debut at Silverstone in 1949, running at Le Mans a year later, and proving victorious in some of the world's most gruelling rallies.

HOLLYWOOD ICON

ONE MUST BE
RESPECTFUL
OF WHAT WAS
ORIGINALLY
CREATED

THE DESIGN



IN WHAT WAS A
VERY DIFFERENT
TIME USING VERY
DIFFERENT METHODS

Paul Howse
Jaguar XK European GT Chief Designer

THE DESIGN

“Modifying or enhancing any iconic design should always be approached with the utmost care. One must be respectful of what was originally created in what was a very different time using very different methods.

The Jaguar XK European GT combines the same time-honoured craftsmanship that first brought the XK120 to life with cutting-edge design tools and technologies to reimagine and redefine the elements that made it so breathtakingly beautiful. It remains instantly recognisable as a Jaguar, but more muscular and more assertive – something that could have emerged from Browns Lane in the late 1950s as a ‘skunkworks’ project.



MORE
MUSCULAR
&
MORE
ASSERTIVE



Lowering the roofline by more than two and a half inches makes the proportions even more elegant and purposeful. The bodysides now have real curvature – which, together with the wider front and rear arches, delivers a much more sculpted shape.”

Paul Howse
Jaguar XK European GT Chief Designer

THE NUMBERS

6,000+

Hours taken to create an Jaguar XK European GT from start to finish

63 MM

Reduction in roof height

159%

More torque than the original (310 v 195 ft-lbs)



15%

Lighter than the original (2,600 lbs v 3,024 lbs)

225%

More powerful than the original (360 v 160hp)

1,100+

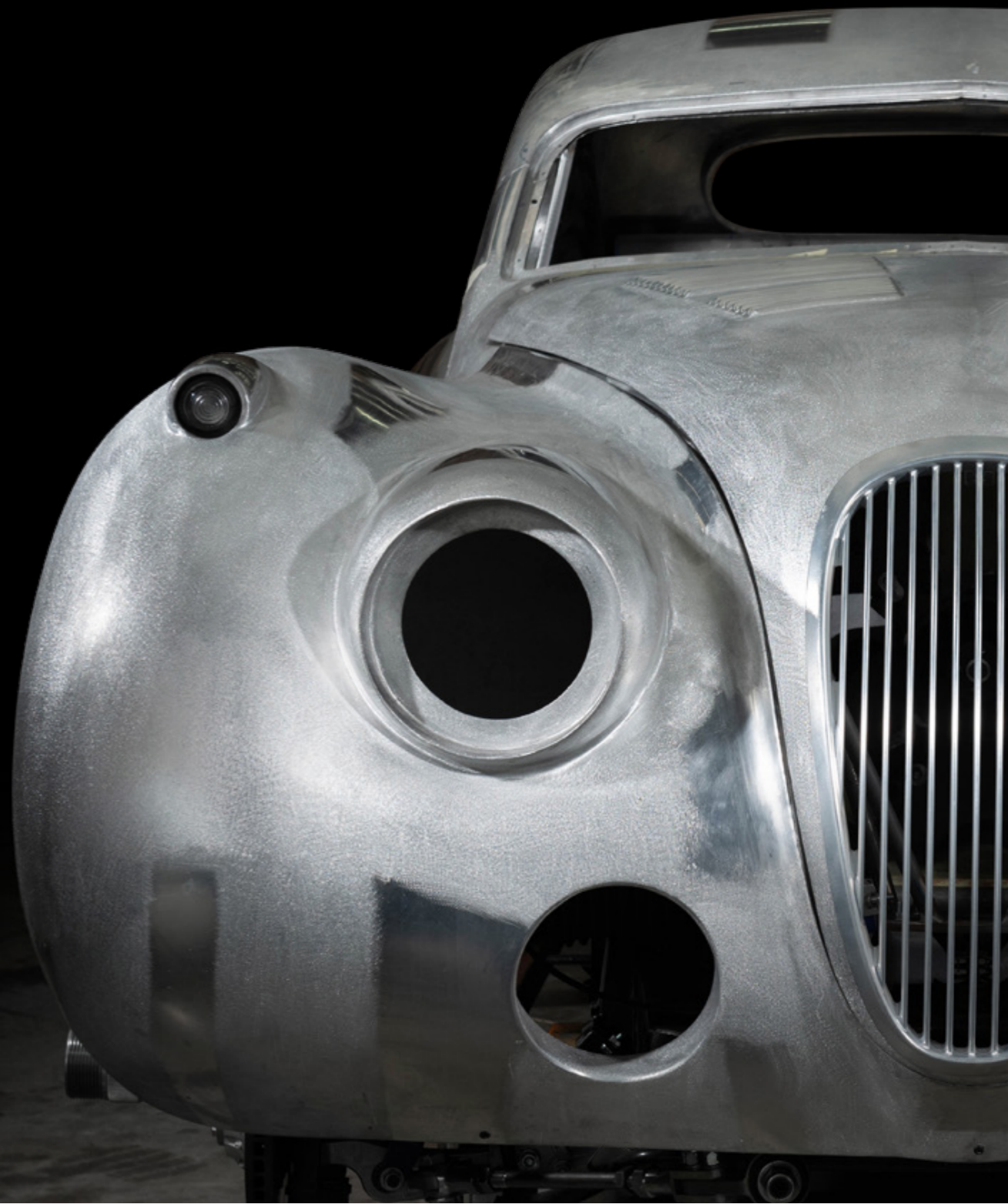
Hours spent in the paintshop

25

Number of Jaguar XK GT coupes that will ever be built

BODY

THE



OVER 2,000 HOURS OF
BRITISH
CRAFTSMANSHIP

Painstakingly hand-formed from aluminium alloy by master craftsmen using English wheels, every panel is a work of art, and the near-imperceptible differences arising from this centuries-old process ensure that no two cars will be exactly alike.

The panels are then assembled on a precision jig to guarantee dimensional accuracy and consistent panel gaps.

Seam welding throughout adds strength and stiffness, while external joints are smoothed to perfection, ensuring a beautifully clean, flawless, contemporary appearance.

Perfecting each body by hand requires more than 2,000 hours and is testament to the passion and meticulous attention to detail that defines everything we do.





Proven and perfected through five Le Mans victories, powering some of the most beautiful, iconic cars of all time, and in production across six decades, the legendary Jaguar XK straight-six is an engine without equal.

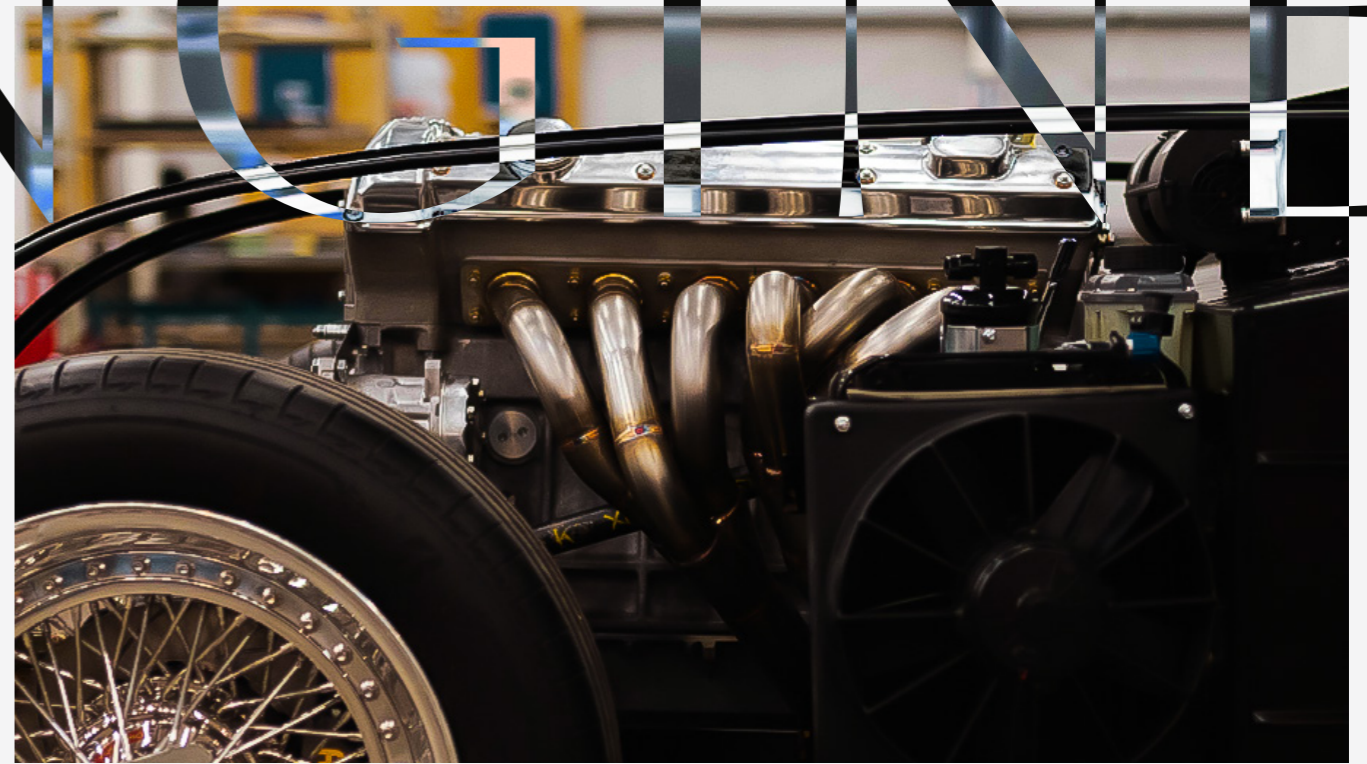
This thoroughbred, race-proven powerplant is at the heart of our Jaguar XK European GT, but further refined and enhanced to produce over 350 hp in fast-road specification. Now all-alloy, our blueprinted,

fuel-injected 3.8-litre delivers a visceral, spine-tingling sound through the bespoke, hand-formed exhaust system, together with day-to-day usability and impeccable smoothness. Refinements including electronic ignition and drive-by-wire throttle enhance driveability.

Weighing just over 400 lbs our engine is around 30% lighter than the original, and in terms of horse power, 160 bhp becomes 360 bhp plus.

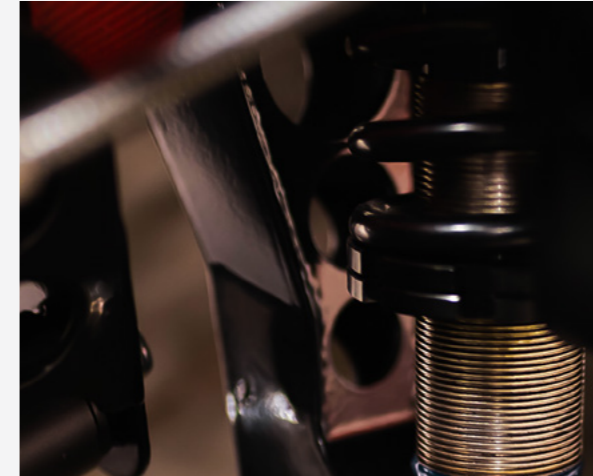
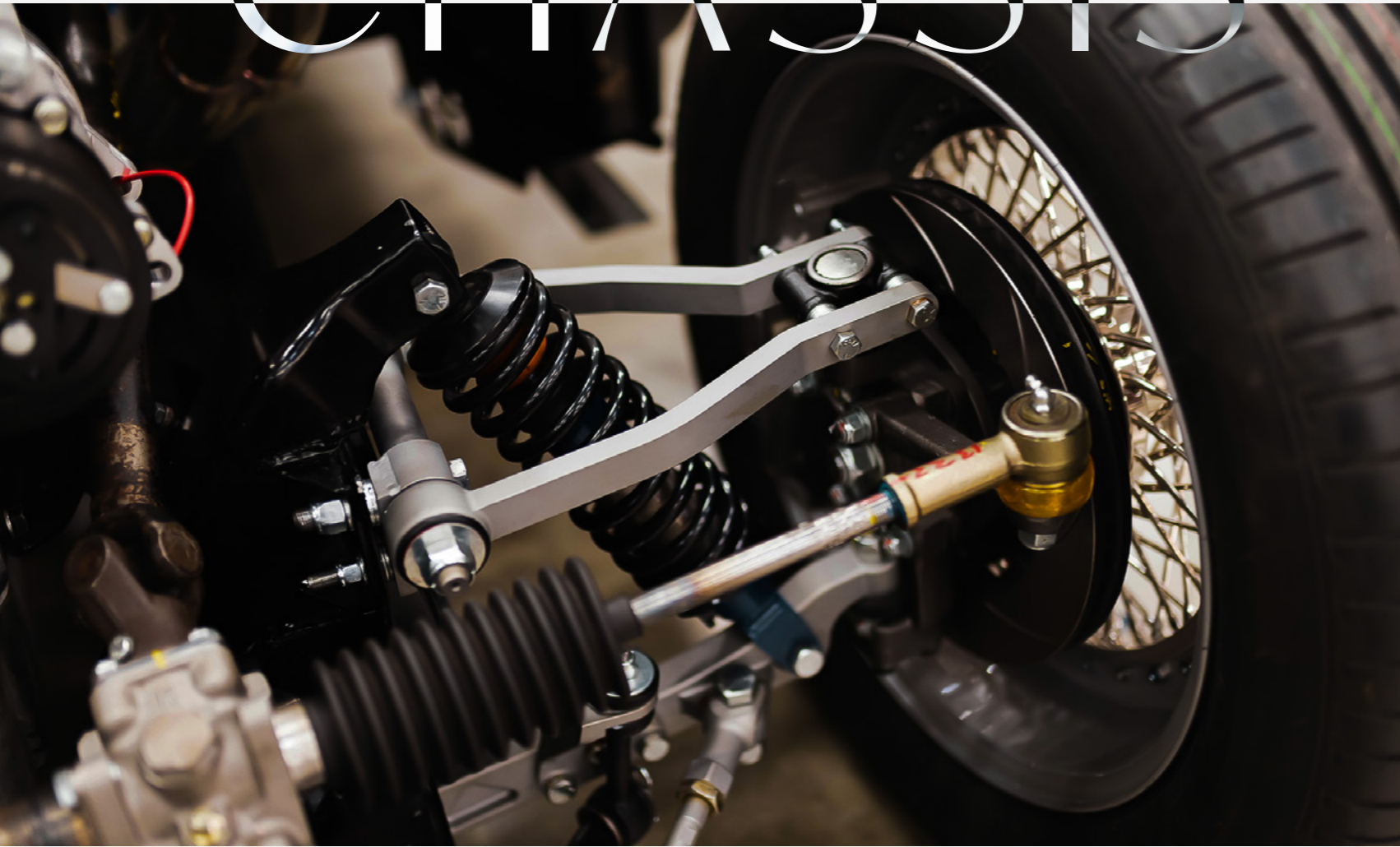
THE ENGINE

OUR ALL-ALLOY STRAIGHT SIX
IS 30% LIGHTER THAN
THE ORIGINAL XK ENGINE
AND 200 BHP MORE POWERFUL



COMPLETELY REDESIGNED SUSPENSION, FRONT AND REAR

THE CHASSIS



Our aim? To deliver the best handling Jaguar XK ever. The new front wishbones are completely bespoke and aluminium for reduced unsprung mass. They are matched to Intrax coil over dampers and Eibach springs, with rates meticulously tuned to ensure responsiveness and precision together with exceptional composure. Adaptive damping, available as an option, enables the driver to tailor the car's dynamic character to taste.



In place of the original rear leaf springs and live axle, our new configuration features trailing arms, again with Intrax coil over dampers and Eibach springs, together with a limited-slip differential, ensuring significantly enhanced roadholding and traction.

To handle the extra power, the Jaguar XK European GT is fitted with vented and drilled disc brakes with four-piston callipers front and rear.

Completing the transformation is a Quaife rack and pinion steering system that takes just two and a half turns lock-to-lock for exceptional responsiveness. This can be supplied with switchable power assistance, if desired.



Classic in character, modern in execution and technology: the finest luxury materials including Connolly aniline leather and Wilton carpet are used throughout, but every aspect of the cabin has been thoughtfully redesigned to make it more driver focused, more spacious, and more usable.

While the slender three-spoke wooden steering wheel is instantly recognisable, the steering column now offers a wide

range of adjustment. The bespoke bucket seats, available with or without headrests, and optional heating, offer greater comfort and support, more fore and aft movement, and are mounted lower to enhance the driving experience.

The instruments set within the all new dashboard retain the appearance of the classic Smiths gauges but are now fully networked into the electrical system using CAN bus technology, while features including climate control, electric windows, heated screens, Bluetooth, and wireless phone charging are discreetly and harmoniously integrated into the cabin.

MORE DRIVER FOCUSED,
MORE SPACIOUS,
AND MUCH
MORE REFINED

THE

INTERIOR

TECHNICAL SPECIFICATION

ENGINE

Type: Hand-built Jaguar XK straight six

Displacement: 3868 cc

Bore: 88.0 mm

Stroke: 106.0mm

Compression: Ratio 10:1

Cylinder block: Aluminium alloy

Cylinder head: Aluminium alloy

Valvetrain: 2 valves per cylinder; SOHC

Advanced engine management system, including ECU and PDU. Sequential fuel injection

Maximum power

Standard spec: 300 bhp @ 6500 rpm

Fast Road spec: 360 bhp @ 6500 rpm

Maximum Torque

Standard Spec: 280 lb-ft @4250 – 4500 rpm

Fast Road Spec: 318 lb-ft @ 4250 – 4500 rpm

Maximum revs: 7000 rpm

TRANSMISSION

Gearbox: 5-speed manual

Clutch: Single dry plate

Differential: Mechanical; limited-slip

Gear ratios

1st: 2.95:1

2nd: 1.94:1

3rd: 1.34:1

4th:1:1

5th: 0.8:1

Final Drive: 3.72: 1 PowrLok differential



TECHNICAL SPECIFICATION



CHASSIS

Front suspension: Bespoke double-wishbone, coilover Intrax dampers with Eibach springs, anti-roll bar

Rear suspension: Bespoke trailing arms, coilover Intrax dampers with Eibach springs

Brakes: Front and rear: 295mm drilled and ventilated discs; 4 piston callipers

Front wheels: 17" x 7" alloy rims and hubs with stainless steel spokes; 225/55 ZR17

Rear wheels: 17" x 8.5" alloy rims and hubs with stainless steel spokes; 235/55 ZR17

DIMENSIONS

Length: 4,265mm/168"

Width: 1,660mm/65.3"



Height: 1,285mm/50.6"

Wheelbase: 2,580mm/101.6"

Track front: 1,628.5 mm

Track rear: 1,660.5 mm

Weight: 1,180kg



EVERY JAGUAR
XK EUROPEAN GT
WILL BE AS
INDIVIDUAL
AS ITS OWNER

Which is why we have meticulously developed and honed a range of options, each enhancing a specific element of the car's character while ensuring that the overall harmonious balance is maintained.

Whether a different level of tune for the legendary XK straight six, the glorious sound of an Inconel exhaust system, adaptive dampers for more agile handling, or the effortless feel of power-assisted steering, we can tailor the Jaguar XK European GT to suit your specific requirements.

And that's before you consider the interior options...



JAGUAR XK EUROPEAN GT COUPE
OPTIONS LIST

CATEGORY	STANDARD SPECIFICATION	OPTION FITMENT
Mechanical		
Engine	3.8 litre all-alloy Jaguar straight six, naturally aspirated, fuel injected, c.300 bhp @ 6500 rpm; 280 ft/lbs torque @ 4250 rpm	Stage 2 inc. wide angle head >350bhp @6500 rpm; c.310 ft/lbs torque @ 4000 rpm
Suspension / Damping	Redesigned front and rear; double wishbones with bespoke multi-link suspension, Eibach springs over adjustable coil over dampers, stiffer anti roll bar	Adaptive damping
Exhaust system	Bespoke stainless steel sports system	Full inconel system including headers
EPAS power steering	Rack: Quaife quick rack and pinion kit with 2.5 turns lock to lock, down from 3.1 and a ratio of 14.4:1, down from 17.8:1	Electric power assistance, switchable and speed-weighted
Wheels and tyres	Wheels: Hand made centre lock wire wheels; front: 17" x 7"; rear 17" x 8.5". Alloy rims, stainless steel spokes, bespoke hubs with triple eared spinners	17" version of standard wheel 17" Magnesium alloy drilled disc wheel cost (Dunlop peg style)
Paint finish	See colour chart	Paint to sample, two tone for example
Decals / lettering / stripes	None	To customer design
Exterior trim finishes	Chrome or bright nickel	Dark chrome, anodised, special finishes
Electrical	Includes ECU, PDU, Motorsport grade wiring loom, drive-by-wire throttle	Various

CATEGORY	STANDARD SPECIFICATION	OPTION FITMENT
Interior		
Interior bright trim finishes	Chrome or bright nickel	Dark chrome, anodised, special finishes
Interior trim finishes	High quality hides, wilton wool carpeting; dashboard finishes	Connolly leather, Alcantara, woven, two tone
Seats	Bespoke sports seats, choice of back height	Headrests
Air conditioning	Twin condenser system	
In car infotainment	Bluetooth amplifier + phone holder to allow Apple Car Play	Premium audio system
Comfort package		Heated seats



EUROPEAN GT



YOUR CHANCE TO
CREATE THE INTERIOR
AND PAINT SCHEME OF

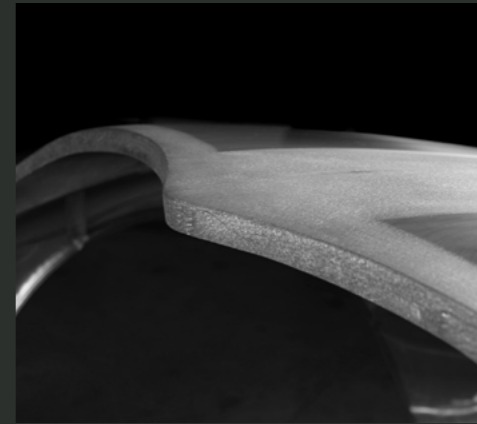
YOUR DREAMS

PERSONALISATION

The Jaguar XK European GT is a truly bespoke car, crafted and assembled by hand to each customer's individual requests. It is fully tailored offering akin to a suit fitting, on which you, the customer, can request as many or as few changes as you wish.

A full set of fitted luggage to match your interior? Hand engraved dashboard? Headlining in your favourite cloth? Instruments to your choice of colour and background pattern?

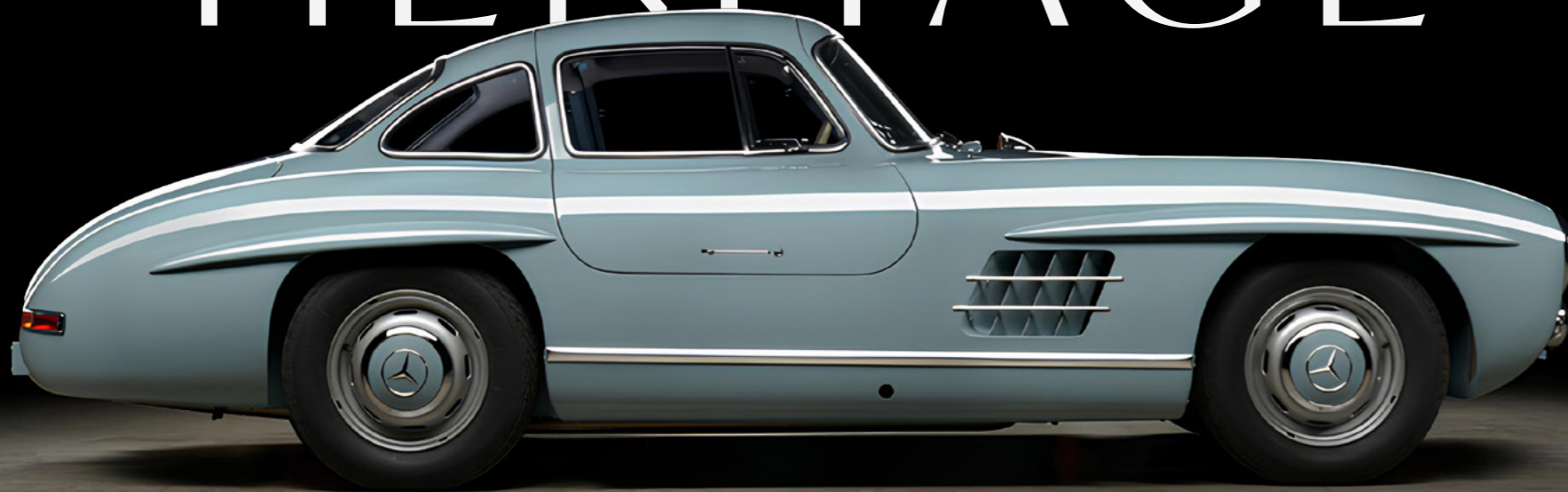
Almost anything is possible with a dedicated team of designers and engineers at your disposal.



THE EUROPEAN COLLECTION
HANDCRAFTED BY THORNLEY KELHAM



THORNLEY KELHAM OUR CONCOURS HERITAGE



MERCEDES 300SL 'GULLWING'

THE DESIGN. THE DETAILS. THE DRIVE.

All the engineering, design and hand craftsmanship for the European line-up is undertaken in Thornley Kelham's workshops in the heart of the Cotswolds in England.

From this base, the team of over 30 has been restoring, upgrading and rallying some of the rarest and most iconic classic cars for more than 15 years. Passion and perfection defines everything Thornley Kelham does.

Where many businesses choose to outsource their craft, Thornley Kelham has in-house bodywork, paint, engine and fabrication shops to closely monitor the quality of every piece of work that goes into completing a car.



WORLD-CLASS SPECIALISTS IN THE ART OF RESTORATION

PORSCHE 356A SPEEDSTER



FERRARI 250 GTE



BIZZARRINI GT STRADA 5300



Thornley Kelham are world-class specialists in the art of restoration, working on historically significant cars from Alfa Romeo, Aston Martin, Bentley, Ferrari, Lancia, Lamborghini, Mercedes-Benz, Rolls-Royce and Porsche, as well as lesser known marques such as Amilcar and Bizzarrini.

The attention to detail and quality of the craftsmanship in each restoration has ensured our work has won awards from globally renowned concours events, including Pebble Beach, the 'Royal Concours' at Hampton Court Palace, Chantilly, Villa D'Este and Salon Privé. Its Bizzarrini 5300 GT Strada restoration was also named 'Restoration of the Year' at the International Historic Motoring Awards.

FIN T E G H C U T O T

CONTACT US

We believe that every step of specifying and ordering your Jaguar XK European GT should be as enjoyable and memorable as the moment you settle into the driver's seat for the first time, and our expert team will be delighted to discuss your requirements and work with you to tailor the perfect specification for your commission.

We take great pleasure in inviting customers to visit our Cotswolds Headquarters to show them around the workshops and introduce the people who will be responsible for handcrafting their car.

To discuss your requirements or to make an appointment to visit our headquarters, please contact us by telephone or via email:

Call: **+44 (0)1285 869791**
Email: **simon@thornleykelham.com**

thornleykelham.com

COME AND SEE US

Our headquarters is well-served by road and train services from London and regional airports. There are also two private airfields nearby, suitable for aircraft and helicopters respectively. We will be delighted to help you with your travel arrangements.

Thornley Kelham
Drake House
Lakeside Business
Park Broadway Lane
South Cerney
GL7 5XL, UK

OUR GLOBAL DISTRIBUTOR

To ensure we also offer the highest levels of customer service for our customers worldwide, we are in the process of appointing an exclusive network of specialist overseas distributors, all committed to delivering the same unrivalled standards that Thornley Kelham is renowned for.

US Distributors:
O'Gara Coach Inc
8484 Wilshire Blvd
Beverly Hills
CA 90211 USA

Call: **+1 (858) 454-1800**
Email: **parris@ogaramotorsport.com**

ROW enquiries:
LaSource.co.uk

Call: **+44 (0)7554 499480**
Email: **james.banks@lasource.co.uk**





THORNLEY KELHAM

THE DESIGN. THE DETAILS.
THE DRIVE.

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